



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/633,798
Filing Date	08/04/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2661 <i>eeen</i>
Examiner Name	<i>A. Patel</i>
Attorney Docket Number	1057p

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>gr</i>	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thom et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Oomuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	
	26	US- 5,345,446	09/06/1994	Hiller et al.	
	27	US- 5,363,433	11/08/1994	Isono	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32	US- 5,422,882	06/06/1995	Hiller et al.	
	33	US- 5,425,090	06/13/1995	Omiss	
	34	US- 5,428,609	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyle et al.	
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,297	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,469,501	11/21/1995	Otsuka	
	44	US- 5,473,677	12/05/1995	D'Amato et al.	
	45	US- 5,473,679	12/05/1995	La Porta et al.	
	46	US- 5,495,484	02/27/1996	Self et al.	
<i>✓</i>	47	US- 5,509,010	04/16/1996	La Porta et al.	

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/633,798
Filing Date	08/04/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2661 2664
Examiner Name	A. Patel
Attorney Docket Number	1057p

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
M	48	US- 5,519,707	05/21/1996	Subramanian et al.	
	49	US- 5,519,690	05/21/1996	Suzuka et al.	
	50	US- 5,537,461	07/16/1996	Bridges et al.	
	51	US- 5,541,917	07/30/1996	Farris	
	52	US- 5,550,834	08/27/1996	D'Ambrogio et al.	
	53	US- 5,550,914	08/27/1996	Clarke et al.	
	54	US- 5,563,939	10/08/1996	La Porta et al.	
	55	US- 5,577,037	11/19/1996	Takatori et al.	
	56	US- 5,579,311	11/26/1996	Chopping et al.	
	57	US- 5,600,643	02/04/1997	Robrock, II	
	58	US- 5,673,262	09/30/1997	Shimizu	
	59	US- 5,765,108	06/09/1998	Martin et al.	
	60	US- 5,793,765	08/11/1998	Boer et al.	
	61	US- 5,825,780	10/20/1998	Christie	
	62	US- 5,991,301	11/23/1999	Christie	
	63	US- 6,175,574	01/16/2001	Lewis	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
M	64	EP0439098	07/31/1991	Tanabe et al.		
	65	WO9214321	08/20/1992	Takase et al.		
	66	JP2215247	08/28/1990	Tsuboi et al.		
	67	JP1300738	12/05/1989	Suzuki et al.		
	68	JP1013534	01/18/1989	Kamio et al.		
	69	JP4180324	06/26/1992	Atsushi et al.		
	70	JP4196635	07/16/1992	Osahide		
	71	JP5327751	12/10/1993	Hyodo et al.		
	72	JP6006320	01/14/1994	Baba et al.		
	73	JP6209365	07/26/1994	Toshiro et al.		
	74	JP7250099	09/26/1995	Koshiro et al.		
	75	JP8149137	06/07/1996	Nakajima et al.		
	76	HU71152	11/28/1995	Hiller et al.		
	77	EP0935856	08/18/1999	Christie et al.		

Examiner
Signature

Ajit Patel

Date
Considered

31/16/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 3

Complete if Known

Application Number	10/633,798
Filing Date	08/04/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2661-2664
Examiner Name	A. Patel
Attorney Docket Number	1057p

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
↓	78	KURIBAYASHI, SHIN-ICHI; Advanced Signaling Protocol for Broadband ISDN Services; Electronics and Communications in Japan; Part 1, Volume 78, Number 1, Pages 1-12.	
↓	79	Hungarian office action dated June 23, 1999 citing Hungarian patent number HU170127 for Hungarian Application No. P9900232; 2 pages.	
↓	80	Russian office action dated April 22, 2002 citing Russian patent numbers RU2013011 and RU2007880 for Russian Application No. 99112956; 6 pages.	

Examiner
Signature

A. J. PATEL

Date
Considered

31/6/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

